

AU 1807

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525DATE: 08/22/96
TIME: 14:30:20

INPUT SET: S3840.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

pgs 2-4

(1) General Information:

(i) APPLICANT: Chee, Mark S.
Wang, Chunwei
Jevons, Luis C.
Bernhart, Derek H.
Lipshutz, Robert J.

(ii) TITLE OF INVENTION: Computer-Aided Visualization and
Analysis System for Sequence Evaluation

(iii) NUMBER OF SEQUENCES: 39

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Townsend and Townsend Khourie and Crew
(B) STREET: One Market Plaza, Steuart Tower, Suite 2000
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94105

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US
(B) FILING DATE:
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Norviel, Vernon A.
(B) REGISTRATION NUMBER: 32,483
(C) REFERENCE/DOCKET NUMBER: 16528X-82

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 415-326-2400
(B) TELEFAX: 415-326-2422

ERRORED SEQUENCES FOLLOW:

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525

DATE: 08/22/96

TIME: 14:30:22

INPUT SET: S3840.raw

221 (2) INFORMATION FOR SEQ ID NO:12:
222
223 (i) SEQUENCE CHARACTERISTICS:
--> 224 (A) LENGTH: 59 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
228
229 (ii) MOLECULE TYPE: DNA (oligonucleotide)
230
231
232
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
234
--> 235 GCATTAGTAG AGATATGGAG AGRARDGGRA AXXXAAGGGA AAATTNNNAA AATTGGGCC 59
236 *"X" is not a valid base code, per 1.822(b) of sequence rules*

237 (2) INFORMATION FOR SEQ ID NO:13:
238
239 (i) SEQUENCE CHARACTERISTICS:
--> 240 (A) LENGTH: 59 base pairs
241 (B) TYPE: nucleic acid
242 (C) STRANDEDNESS: single
243 (D) TOPOLOGY: linear
244
245 (ii) MOLECULE TYPE: DNA (oligonucleotide)
246
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
250
--> 251 GCATTAGTAG AGATATGKAS AGRARDGGRA AXXXAAGGGA AAATTNNNAA AATTGGGCC 59
252 *invalid*
253

254 (2) INFORMATION FOR SEQ ID NO:14:
255
256 (i) SEQUENCE CHARACTERISTICS:
--> 257 (A) LENGTH: 59 base pairs
258 (B) TYPE: nucleic acid
259 (C) STRANDEDNESS: single
260 (D) TOPOLOGY: linear
261
262 (ii) MOLECULE TYPE: DNA (oligonucleotide)
263
264
265
266 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
267
--> 268 GCATTAGTAG AGATATGKAS AGRARDGGRA AXXXAAGGGA AAATTNNNAA AATTGGGCC 59
269 *invalid*

270 (2) INFORMATION FOR SEQ ID NO:15:

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525DATE: 08/22/96
TIME: 14:30:24

INPUT SET: S3840.raw

271
272 (i) SEQUENCE CHARACTERISTICS:
--> 273 (A) LENGTH: 59 base pairs
274 (B) TYPE: nucleic acid
275 (C) STRANDEDNESS: single
276 (D) TOPOLOGY: linear
277
278 (ii) MOLECULE TYPE: DNA (oligonucleotide)
279
280
281
282 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
283
--> 284 GCATTAGTAG AGATATGTAS AGRRADGGAA AXGGAAGGGA AAATTNNNNA AATTGGGGCC 59
285 *invalid*

286 (2) INFORMATION FOR SEQ ID NO:16:
287
288 (i) SEQUENCE CHARACTERISTICS:
--> 289 (A) LENGTH: 59 base pairs
290 (B) TYPE: nucleic acid
291 (C) STRANDEDNESS: single
292 (D) TOPOLOGY: linear
293
294 (ii) MOLECULE TYPE: DNA (oligonucleotide)
295
296
297
298 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
299
--> 300 GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGGAAGGGA AAATTNNNNA AATTGGGGCC 59
301 *invalid*

302 (2) INFORMATION FOR SEQ ID NO:17:
303
304 (i) SEQUENCE CHARACTERISTICS:
--> 305 (A) LENGTH: 59 base pairs
306 (B) TYPE: nucleic acid
307 (C) STRANDEDNESS: single
308 (D) TOPOLOGY: linear
309
310 (ii) MOLECULE TYPE: DNA (oligonucleotide)
311
312
313
314 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:
315
--> 316 GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGGAAGGGA AAATTNNNNA AATTGGGGCC 59
317 *invalid*

318 (2) INFORMATION FOR SEQ ID NO:18:
319
320 (i) SEQUENCE CHARACTERISTICS:

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525

DATE: 08/22/96

TIME: 14:30:26

INPUT SET: S3840.raw

--> 321 (A) LENGTH: 59 base pairs
322 (B) TYPE: nucleic acid
323 (C) STRANDEDNESS: single
324 (D) TOPOLOGY: linear
325
326 (ii) MOLECULE TYPE: DNA (oligonucleotide)
327
328
329
330 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
331
--> 332 GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AX~~XX~~MAAGGGA AAAKTN~~NN~~AA AATTGGGCC 59
333 *invalid*

494 (2) INFORMATION FOR SEQ ID NO:27:
495
496 (i) SEQUENCE CHARACTERISTICS:
--> 497 (A) LENGTH: 160 base pairs
498 (B) TYPE: nucleic acid
499 (C) STRANDEDNESS: single
500 (D) TOPOLOGY: linear
501
502 (ii) MOLECULE TYPE: DNA (oligonucleotide)
503
504
505
506 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:
507
--> 508 TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAATCTT CTTTACYCAA ACGGTCCTXC 60
509 *invalid*
510 TACCTTTGGT TTTTACTATC CCMCTTAACC TCCAAAATAG TTTCATTCTG TCATACTAGT 120
511
512 CTATGAGTAG CTTTAGACAC CTGTATTTTC ATATCCATGT 160
513

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/327,525DATE: 08/22/96
TIME: 14:30:28

INPUT SET: S3840.raw

Line	Error	Original Text
31	Wrong application Serial Number	(A) APPLICATION NUMBER: US
224	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
240	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
257	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
268	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
273	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
284	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAS AGRARDGGAA AXGG
284	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAS AGRARDGGAA AXGG
289	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
300	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG
300	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG
305	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
316	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG
316	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG
321	Entered (59) and Calc. Seq. Length (57) differ	(A) LENGTH: 59 base pairs
332	Wrong Nucleic Acid Designator	GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM
332	Wrong Nucleic Acid Designator	GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM
332	# of Sequences for line conflicts w/ running total	GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM
497	Entered (160) and Calc. Seq. Length (159) differ	(A) LENGTH: 160 base pairs
508	Wrong Nucleic Acid Designator	TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA
508	# of Sequences for line conflicts w/ running total	TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA